

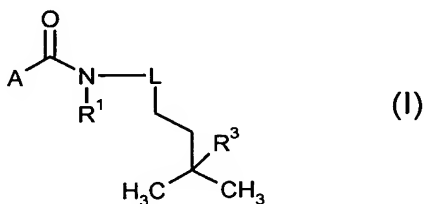
AMENDMENTS TO THE CLAIMS:

Please change the heading at page 72, line 1, from "Patent claims" to
--WHAT IS CLAIMED IS:--

The following listing of claims will replace all prior versions of claims in the application.

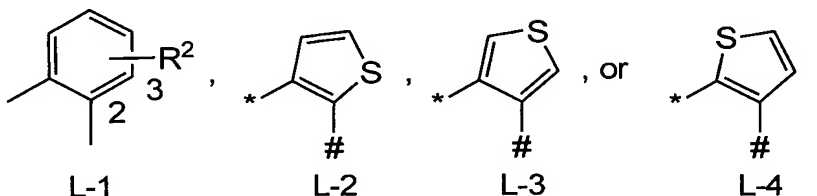
Claims 1-18 (canceled)

-- Claim 19 (new): An isopentylcarboxanilide of formula (I)



in which

L represents



where the bond labelled with * is attached to the amide nitrogen atom, and the bond labelled with # is attached to the alkyl side chain,

R¹ represents hydrogen, C₁-C₈-alkyl, C₁-C₆-alkylsulphinyl, C₁-C₆-alkylsulphonyl, C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-cycloalkyl; represents C₁-C₆-haloalkyl, C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulphinyl, C₁-C₄-haloalkylsulphonyl, halo-C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; represents formyl, formyl-C₁-C₃-alkyl, (C₁-C₃-alkyl)carbonyl-C₁-C₃-alkyl, or (C₁-C₃-alkoxy)carbonyl-C₁-C₃-alkyl; represents halo-(C₁-C₃-alkyl)carbonyl-C₁-C₃-alkyl or halo-(C₁-C₃-alkoxy)-carbonyl-C₁-C₃-alkyl having in each case 1 to 13 fluorine, chlorine, and/or bromine atoms; represents (C₁-C₈-alkyl)carbonyl, (C₁-C₈-alkoxy)carbonyl, (C₁-C₄-alkoxy-C₁-C₄-alkyl)carbonyl, or (C₃-C₈-cycloalkyl)carbonyl; represents

(C₁-C₆-haloalkyl)carbonyl, (C₁-C₆-haloalkoxy)carbonyl, (halo-C₁-C₄-alkoxy-C₁-C₄-alkyl)carbonyl, or (C₃-C₈-halocycloalkyl)carbonyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or represents -C(=O)C(=O)R⁴, -CONR⁵R⁶, or -CH₂NR⁷R⁸,

R² represents hydrogen, fluorine, chlorine, methyl, or trifluoromethyl,

R³ represents hydrogen, halogen, C₁-C₈-alkyl, or C₁-C₈-haloalkyl,

R⁴ represents hydrogen, C₁-C₈-alkyl, C₁-C₈-alkoxy, C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-cycloalkyl; or represents C₁-C₆-haloalkyl, C₁-C₆-haloalkoxy, halo-C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms,

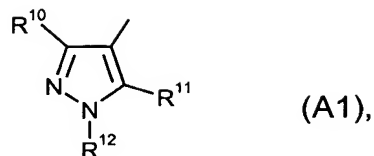
R⁵ and R⁶ independently of one another each represent hydrogen, C₁-C₈-alkyl, C₁-C₄-alkoxy-C₁-C₄-alkyl, C₃-C₈-cycloalkyl; or represent C₁-C₈-haloalkyl, halo-C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms; or R⁵ and R⁶ together with the nitrogen atom to which they are attached form a saturated heterocycle having 5 to 8 ring atoms that is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and C₁-C₄-alkyl, where the heterocycle optionally contains 1 or 2 further non-adjacent heteroatoms selected from the group consisting of oxygen, sulphur, and NR⁹,

R⁷ and R⁸ independently of one another represent hydrogen, C₁-C₈-alkyl, or C₃-C₈-cycloalkyl; or represent C₁-C₈-haloalkyl, C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms; or R⁷ and R⁸ together with the nitrogen atom to which they are attached form a saturated heterocycle having 5 to 8 ring members that is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and C₁-C₄-alkyl, where the heterocycle optionally contains 1 or 2 further non-adjacent heteroatoms selected from the group consisting of oxygen, sulphur, and NR⁹,

R⁹ represents hydrogen or C₁-C₆-alkyl, and

A represents

(1) a radical of formula (A1)

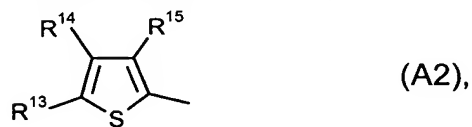


in which

- R^{10} represents hydrogen, hydroxyl, formyl, cyano, halogen, nitro, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-alkylthio, or C₃-C₆-cycloalkyl; or represents C₁-C₄-haloalkyl, C₁-C₄-haloalkoxy, or C₁-C₄-haloalkylthio having in each case 1 to 5 halogen atoms; or represents aminocarbonyl or aminocarbonyl-C₁-C₄-alkyl,
- R^{11} represents hydrogen, halogen, cyano, C₁-C₄-alkyl, C₁-C₄-alkoxy, or C₁-C₄-alkylthio; or represents C₁-C₄-haloalkyl or C₁-C₄-haloalkylthio having in each case 1 to 5 halogen atoms, and
- R^{12} represents hydrogen, C₁-C₄-alkyl, hydroxy-C₁-C₄-alkyl, C₂-C₆-alkenyl, C₃-C₆-cycloalkyl, C₁-C₄-alkylthio-C₁-C₄-alkyl, or C₁-C₄-alkoxy-C₁-C₄-alkyl; represents C₁-C₄-haloalkyl, C₁-C₄-haloalkylthio-C₁-C₄-alkyl, C₁-C₄-haloalkoxy-C₁-C₄-alkyl having in each case 1 to 5 halogen atoms; or represents phenyl,
- with the proviso that R^{10} does not represent iodine if R^{11} represents hydrogen, and
- with the proviso that R^{10} does not represent trifluoromethyl or difluoromethyl if R^3 and R^{11} represent hydrogen and R^{12} represents methyl,

or

- (2) a radical of formula (A2)



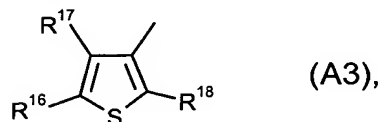
in which

- R^{13} and R^{14} independently of one another represent hydrogen, halogen, C₁-C₄-alkyl, or C₁-C₄-haloalkyl having 1 to 5 halogen atoms, and

R^{15} represents halogen, cyano, or C_1 - C_4 -alkyl; or represents C_1 - C_4 -haloalkyl or C_1 - C_4 -haloalkoxy having in each case 1 to 5 halogen atoms,

or

(3) a radical of formula (A3)



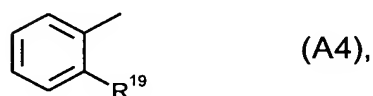
in which

R^{16} and R^{17} independently of one another represent hydrogen, halogen, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms, and

R^{18} represents hydrogen, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

or

(4) a radical of formula (A4)

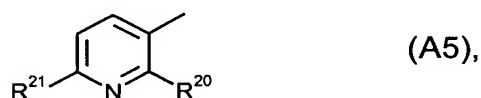


in which

R^{19} represents hydrogen, halogen, hydroxyl, cyano, or C_1 - C_6 -alkyl; or represent C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy or C_1 - C_4 -haloalkylthio having in each case 1 to 5 halogen atoms,

or

(5) a radical of formula (A5)



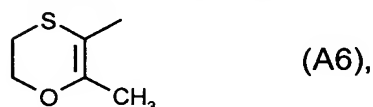
in which

R^{20} represents halogen, hydroxyl, cyano, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, or C_1 - C_4 -alkylthio; or represents C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkylthio or C_1 - C_4 -haloalkoxy having in each case 1 to 5 halogen atoms, and

R^{21} represents hydrogen, halogen, cyano, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, or C_1 - C_4 -alkylthio; represents C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy having in each case 1 to 5 halogen atoms; or represents C_1 - C_4 -alkylsulphinyl or C_1 - C_4 -alkylsulphonyl,

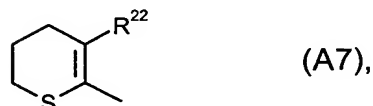
or

(6) a radical of formula (A6)



or

(7) a radical of formula (A7)



in which R^{22} represents C_1 - C_4 -alkyl or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

or

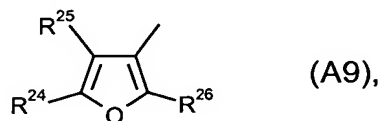
(8) a radical of formula (A8)



in which R^{23} represents C_1 - C_4 -alkyl or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

or

(9) a radical of formula (A9)



in which

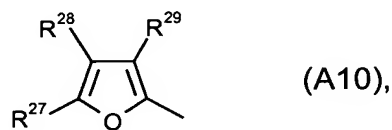
R^{24} and R^{25} independently of one another represent hydrogen, halogen, amino, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms, and

R^{26} represents hydrogen, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

with the proviso that R^{24} and R^{26} do not simultaneously represent methyl if R^{25} represents hydrogen,

or

(10) a radical of formula (A10)



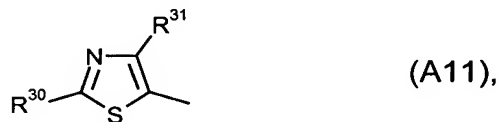
in which

R^{27} and R^{28} independently of one another represent hydrogen, halogen, amino, nitro, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms, and

R^{29} represents halogen, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

or

(11) a radical of formula (A11)



in which

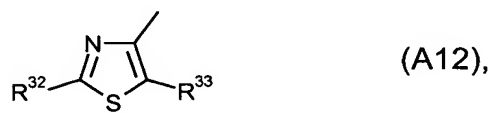
R^{30} represents hydrogen, halogen, amino, C_1 - C_4 -alkylamino, di(C_1 - C_4 -alkyl)amino, cyano, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms, and

R^{31} represents halogen, hydroxyl, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, or C_3 - C_6 -cycloalkyl; or represents C_1 - C_4 -haloalkyl or C_1 - C_4 -haloalkoxy having in each case 1 to 5 halogen atoms,

with the proviso that R^{31} does not represent trifluoromethyl, difluoromethyl or methyl if R^3 represents hydrogen and R^{30} represents methyl,

or

(12) a radical of formula (A12)



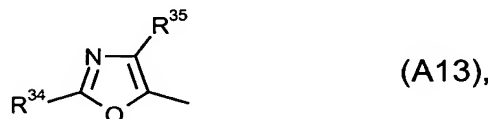
in which

R^{32} represents hydrogen, halogen, amino, C_1 - C_4 -alkylamino, di(C_1 - C_4 -alkyl)amino, cyano, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms, and

R^{33} represents halogen, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

or

(13) a radical of formula (A13)



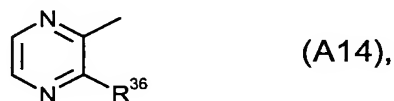
in which

R^{34} represents hydrogen or C_1 - C_4 -alkyl, and

R^{35} represents halogen or C_1 - C_4 -alkyl,

or

(14) a radical of formula (A14)



in which R^{36} represents hydrogen, halogen, C_1 - C_4 -alkyl or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

or

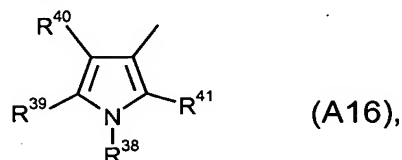
(15) a radical of formula (A15)



in which R^{37} represents halogen, hydroxyl, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, or C_1 - C_4 -alkylthio; or represents C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkylthio, or C_1 - C_4 -haloalkoxy having in each case 1 to 5 halogen atoms,

or

(16) a radical of formula (A16)



in which

R³⁸ represents hydrogen, cyano, C₁-C₄-alkyl, C₁-C₄-haloalkyl having 1 to 5 halogen atoms, C₁-C₄-alkoxy-C₁-C₄-alkyl, hydroxy-C₁-C₄-alkyl, C₁-C₄-alkylsulphonyl, di(C₁-C₄-alkyl)aminosulphonyl, C₁-C₆-alkylcarbonyl, or optionally substituted phenylsulphonyl or benzoyl,

R³⁹ represents hydrogen, halogen, C₁-C₄-alkyl, or C₁-C₄-haloalkyl having 1 to 5 halogen atoms,

R⁴⁰ represents hydrogen, halogen, cyano, C₁-C₄-alkyl, or C₁-C₄-haloalkyl having 1 to 5 halogen atoms, and

R⁴¹ represents hydrogen, halogen, C₁-C₄-alkyl, or C₁-C₄-haloalkyl having 1 to 5 halogen atoms,

with the proviso that R⁴⁰ does not represent trifluoromethyl,

or

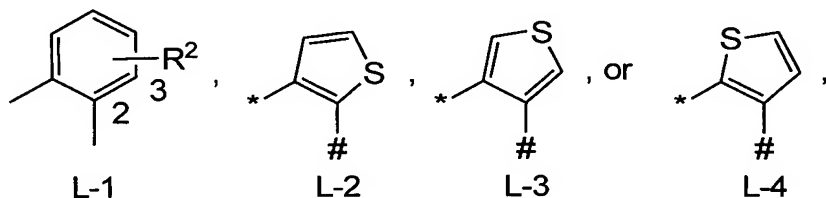
(17) a radical of formula (A17)



in which R⁴² represents C₁-C₄-alkyl.

Claim 20 (new): An isopentylcarboxanilide of formula (I) according to Claim 19 in which

L represents



where the bond labelled with * is attached to the amide nitrogen atom, and the bond labelled with # is attached to the alkyl side chain,

R¹ represents hydrogen, C₁-C₆-alkyl, C₁-C₄-alkylsulphinyl, C₁-C₄-alkylsulphonyl, C₁-C₃-alkoxy-C₁-C₃-alkyl, or C₃-C₆-cycloalkyl; represents C₁-C₄-haloalkyl, C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulphinyl, C₁-C₄-haloalkylsulphonyl, halo-C₁-C₃-alkoxy-C₁-C₃-alkyl, or C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; represents formyl, formyl-C₁-C₃-

alkyl, (C₁-C₃-alkyl)carbonyl-C₁-C₃-alkyl, or (C₁-C₃-alkoxy)carbonyl-C₁-C₃-alkyl; represents halo-(C₁-C₃-alkyl)carbonyl-C₁-C₃-alkyl, or halo-(C₁-C₃-alkoxy)-carbonyl-C₁-C₃-alkyl having in each case 1 to 13 fluorine, chlorine, and/or bromine atoms; represents (C₁-C₆-alkyl)carbonyl, (C₁-C₄-alkoxy)carbonyl, (C₁-C₃-alkoxy-C₁-C₃-alkyl)carbonyl, or (C₃-C₆-cycloalkyl)carbonyl; represents (C₁-C₄-haloalkyl)carbonyl, (C₁-C₄-haloalkoxy)carbonyl, (halo-C₁-C₃-alkoxy-C₁-C₃-alkyl)carbonyl, or (C₃-C₆-halocycloalkyl)carbonyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or represents -C(=O)C(=O)R⁴, -CONR⁵R⁶, or -CH₂NR⁷R⁸,

R² represents hydrogen, fluorine, chlorine, methyl, or trifluoromethyl,

R³ represents hydrogen, fluorine, chlorine, bromine, iodine, C₁-C₆-alkyl, or C₁-C₆-haloalkyl having 1 to 13 fluorine, chlorine, and/or bromine atoms,

R⁴ represents hydrogen, C₁-C₆-alkyl, C₁-C₄-alkoxy, C₁-C₃-alkoxy-C₁-C₃-alkyl, or C₃-C₆-cycloalkyl; represents C₁-C₄-haloalkyl, C₁-C₄-haloalkoxy, halo-C₁-C₃-alkoxy-C₁-C₃-alkyl, or C₃-C₆-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms,

R⁵ and R⁶ independently of one another each represent hydrogen, C₁-C₆-alkyl, C₁-C₃-alkoxy-C₁-C₃-alkyl, or C₃-C₆-cycloalkyl; represent C₁-C₄-haloalkyl, halo-C₁-C₃-alkoxy-C₁-C₃-alkyl, or C₃-C₆-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or R⁵ and R⁶ together with the nitrogen atom to which they are attached form a saturated heterocycle having 5 to 8 ring atoms that is optionally mono- to tetrasubstituted by identical or different substituents selected from the group consisting of halogen and C₁-C₄-alkyl, where the heterocycle optionally contains 1 or 2 further non-adjacent heteroatoms selected from the group consisting of oxygen, sulphur, and NR⁹,

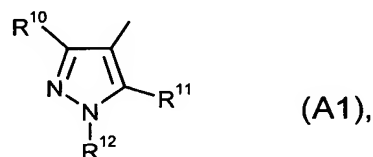
R⁷ and R⁸ independently of one another represent hydrogen, C₁-C₆-alkyl, or C₃-C₆-cycloalkyl; or represent C₁-C₄-haloalkyl or C₃-C₆-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or R⁷ and R⁸ together with the nitrogen atom to which they are attached form a saturated heterocycle having 5 to 8 ring atoms that is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and C₁-C₄-alkyl, where the heterocycle optionally contains 1 or 2

further non-adjacent heteroatoms selected from the group consisting of oxygen, sulphur, and R⁹,

R⁹ represents hydrogen or C₁-C₄-alkyl, and

A represents

(1) a radical of formula (A1)



in which

R¹⁰ represents hydrogen, hydroxyl, formyl, cyano, fluorine, chlorine, bromine, iodine, methyl, ethyl, isopropyl, methoxy, ethoxy, methylthio, ethylthio, or cyclopropyl; represents C₁-C₂-haloalkyl or C₁-C₂-haloalkoxy having in each case 1 to 5 fluorine, chlorine, and/or bromine atoms; represents trifluoromethylthio, difluoromethylthio, aminocarbonyl, aminocarbonylmethyl, or aminocarbonylethyl,

R¹¹ represents hydrogen, chlorine, bromine, iodine, methyl, ethyl, methoxy, ethoxy, methylthio, ethylthio, or C₁-C₂-haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms, and

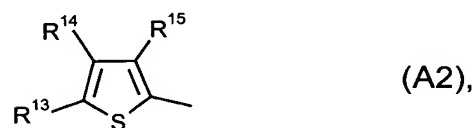
R¹² represents hydrogen, methyl, ethyl, n-propyl, isopropyl, C₁-C₂-haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms, hydroxymethyl, hydroxyethyl, cyclopropyl, cyclopentyl, cyclohexyl, or phenyl,

with the proviso that R¹⁰ does not represent iodine if R¹¹ represents hydrogen and

with the proviso that R¹⁰ does not represent trifluoromethyl or difluoromethyl if R¹¹ and R¹² represent hydrogen and R¹² represents methyl,

or

(2) a radical of formula (A2)



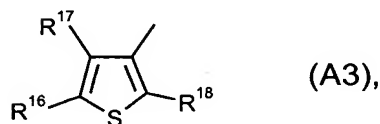
in which

R^{13} and R^{14} independently of one another represent hydrogen, fluorine, chlorine, bromine, methyl, ethyl, or C_1 - C_2 -haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms, and

R^{15} represents fluorine, chlorine, bromine, iodine, cyano, methyl, or ethyl; or represents C_1 - C_2 -haloalkyl or C_1 - C_2 -haloalkoxy having in each case 1 to 5 fluorine, chlorine, and/or bromine atoms,

or

(3) a radical of formula (A3)



in which

R^{16} and R^{17} independently of one another represent hydrogen, fluorine, chlorine, bromine, methyl, ethyl, or C_1 - C_2 -haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms, and

R^{18} represents hydrogen, methyl, ethyl, or C_1 - C_2 -haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms,

or

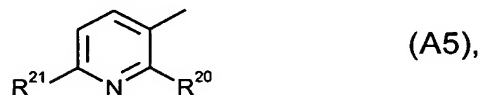
(4) a radical of formula (A4)



in which R^{19} represents hydrogen, fluorine, chlorine, bromine, iodine, hydroxyl, cyano, or C_1 - C_4 -alkyl; or represents C_1 - C_2 -haloalkyl, C_1 - C_2 -haloalkoxy, or C_1 - C_2 -haloalkylthio having in each case 1 to 5 fluorine, chlorine, and/or bromine atoms,

or

(5) a radical of formula (A5)



in which

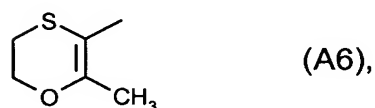
R^{20} represents fluorine, chlorine, bromine, iodine, hydroxyl, cyano, C_1 - C_4 -alkyl, methoxy, ethoxy, methylthio, ethylthio, difluoro-

methylthio, or trifluoromethylthio; or represents C₁-C₂-haloalkyl or C₁-C₂-haloalkoxy having in each case 1 to 5 fluorine, chlorine, and/or bromine atoms, and

R²¹ represents hydrogen, fluorine, chlorine, bromine, iodine, cyano, C₁-C₄-alkyl, methoxy, ethoxy, methylthio, ethylthio, C₁-C₂-haloalkyl or C₁-C₂-haloalkoxy having in each case 1 to 5 fluorine, chlorine, and/or bromine atoms, C₁-C₂-alkylsulphinyl, or C₁-C₂-alkylsulphonyl,

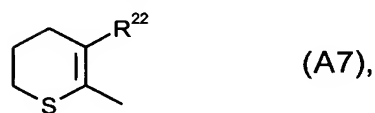
or

(6) a radical of formula (A6)



or

(7) a radical of formula (A7)



in which R²² represents methyl, ethyl, or C₁-C₂-haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms,

or

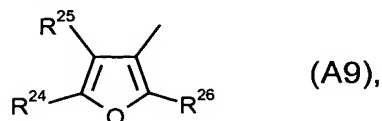
(8) a radical of formula (A8)



in which R²³ represents methyl, ethyl, or C₁-C₂-haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms,

or

(9) a radical of formula (A9)

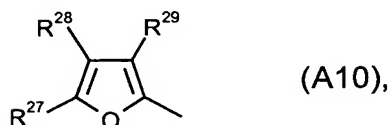


in which

R^{24} and R^{25} independently of one another represent hydrogen, fluorine, chlorine, bromine, amino, methyl, ethyl, or C_1 - C_2 -haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms, and R^{26} represents hydrogen, fluorine, chlorine, bromine, iodine, methyl, ethyl, or C_1 - C_2 -haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms, with the proviso that R^{24} and R^{26} do not simultaneously represent methyl if R^{25} represents hydrogen,

or

(10) a radical of formula (A10)

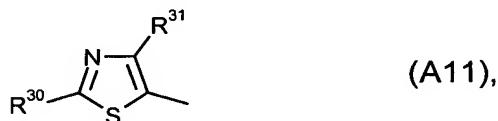


in which

R^{27} and R^{28} independently of one another represent hydrogen, fluorine, chlorine, bromine, amino, nitro, methyl, ethyl, or C_1 - C_2 -haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms, and R^{29} represents fluorine, chlorine, bromine, methyl, ethyl, or C_1 - C_2 -haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms,

or

(11) a radical of formula (A11)



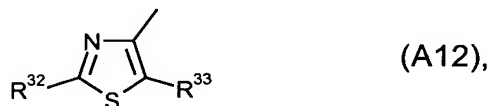
in which

R^{30} represents hydrogen, fluorine, chlorine, bromine, amino, C_1 - C_4 -alkylamino, di(C_1 - C_4 -alkyl)amino, cyano, methyl, ethyl, or C_1 - C_2 -haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms, and R^{31} represents fluorine, chlorine, bromine, hydroxyl, methyl, ethyl, methoxy, ethoxy, or cyclopropyl; or represents C_1 - C_2 -haloalkyl or C_1 - C_2 -haloalkoxy having 1 to 5 fluorine, chlorine, and/or bromine atoms,

with the proviso that R³¹ does not represent trifluoromethyl, difluoromethyl, or methyl if R³ represents hydrogen and R³⁰ represents methyl,

or

(12) a radical of formula (A12)



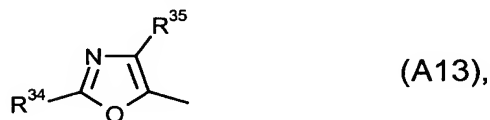
in which

R³² represents hydrogen, fluorine, chlorine, bromine, amino, C₁-C₄-alkylamino, di(C₁-C₄-alkyl)amino, cyano, methyl, ethyl, or C₁-C₂-haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms, and

R³³ represents fluorine, chlorine, bromine, methyl, ethyl, or C₁-C₂-haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms,

or

(13) a radical of formula (A13)



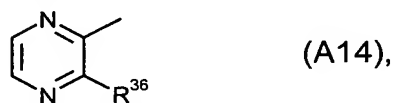
in which

R³⁴ represents hydrogen, methyl, or ethyl, and

R³⁵ represents fluorine, chlorine, bromine, methyl, or ethyl,

or

(14) a radical of formula (A14)



in which R³⁶ represents hydrogen, fluorine, chlorine, bromine, methyl, ethyl, or C₁-C₂-haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms,

or

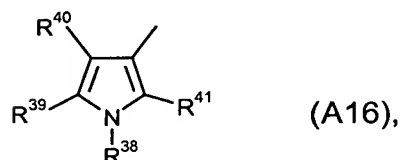
(15) a radical of formula (A15)



in which R^{37} represents fluorine, chlorine, bromine, iodine, hydroxyl, C_1 - C_4 -alkyl, methoxy, ethoxy, methylthio, ethylthio, difluoromethylthio, or trifluoromethylthio; or represents C_1 - C_2 -haloalkyl or C_1 - C_2 -haloalkoxy having in each case 1 to 5 fluorine, chlorine, and/or bromine atoms,

or

(16) a radical of formula (A16)



in which

R^{38} represents hydrogen, methyl, ethyl, C_1 - C_2 -haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms, C_1 - C_2 -alkoxy- C_1 - C_2 -alkyl, hydroxymethyl, hydroxyethyl, methylsulphonyl, or dimethylaminosulphonyl,

R^{39} represents hydrogen, fluorine, chlorine, bromine, methyl, ethyl, or C_1 - C_2 -haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms,

R^{40} represents hydrogen, fluorine, chlorine, bromine, cyano, methyl, ethyl, isopropyl, or C_1 - C_2 -haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms, and

R^{41} represents hydrogen, fluorine, chlorine, bromine, methyl, ethyl, or C_1 - C_2 -haloalkyl having 1 to 5 fluorine, chlorine, and/or bromine atoms,

with the proviso that R^{40} does not represent trifluoromethyl,

or

(17) a radical of formula (A17)



in which R^{42} represents methyl, ethyl, n-propyl or isopropyl.

Claim 21 (new): An isopentylcarboxanilide of formula (I) according to Claim 19 in which L represents L-1.

Claim 22 (new): An isopentylcarboxanilide of formula (I) according to Claim 19 in which L represents L-2.

Claim 23 (new): An isopentylcarboxanilide of formula (I) according to Claim 19 in which R¹ represents hydrogen, formyl, or -C(=O)C(=O)R⁴, where R⁴ is as defined in Claim 19.

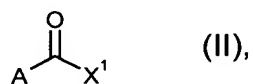
Claim 24 (new): An isopentylcarboxanilide of formula (I) according to Claim 19 in which A represents A1.

Claim 25 (new): An isopentylcarboxanilide of formula (I) according to Claim 19 in which R³ represents hydrogen.

Claim 26 (new): An isopentylcarboxanilide of formula (I) according to Claim 19 in which R³ represents halogen, C₁-C₈-alkyl, or C₁-C₈-haloalkyl.

Claim 27 (new): A process for preparing a compound of formula (I) according to Claim 19 comprising

(a) reacting a carboxylic acid derivative of the formula (II)

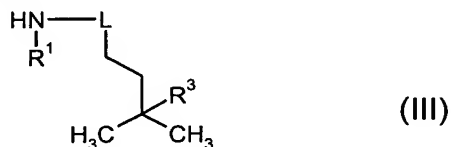


in which

A is as defined for formula (I) in Claim 19, and

X¹ represents halogen or hydroxyl,

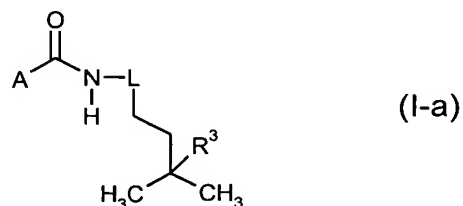
with an aniline derivative of formula (III)



in which L, R¹, and R³ are as defined for formula (I) in Claim 19, optionally in the presence of a catalyst, optionally in the presence of a condensing agent, optionally in the presence of an acid binder, and optionally in the presence of a diluent,

or

(b) reacting an isopentylcarboxanilide of formula (I-a)



in which

L, A, and R³ are as defined for formula (I) in Claim 19,

with a halide of formula (IV)



in which

X² represents chlorine, bromine, or iodine, and

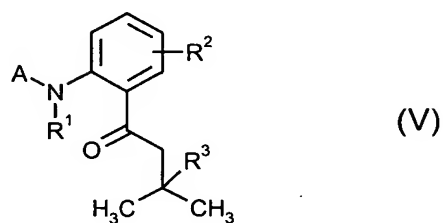
R^{1-A} represents C₁-C₈-alkyl, C₁-C₆-alkylsulphinyl, C₁-C₆-alkylsulphonyl, C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-cycloalkyl; represents C₁-C₆-haloalkyl, C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulphinyl, C₁-C₄-haloalkylsulphonyl, halo-C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; represents formyl, formyl-C₁-C₃-alkyl, (C₁-C₃-alkyl)carbonyl-C₁-C₃-alkyl, or (C₁-C₃-alkoxy)carbonyl-C₁-C₃-alkyl; represents halo-(C₁-C₃-alkyl)-carbonyl-C₁-C₃-alkyl or halo-(C₁-C₃-alkoxy)carbonyl-C₁-C₃-alkyl having in each case 1 to 13 fluorine, chlorine, and/or bromine atoms; represents (C₁-C₈-alkyl)carbonyl, (C₁-C₈-alkoxy)carbonyl, (C₁-C₄-alkoxy-C₁-C₄-alkyl)carbonyl, or (C₃-C₈-cycloalkyl)-carbonyl; represents (C₁-C₆-haloalkyl)carbonyl, (C₁-C₆-haloalkoxy)carbonyl, (halo-C₁-C₄-alkoxy-C₁-C₄-alkyl)carbonyl, or (C₃-C₈-halocycloalkyl)carbonyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or represents -C(=O)C(=O)R⁴, CONR⁵R⁶, or -CH₂NR⁷R⁸,

where R⁴, R⁵, R⁶, R⁷, and R⁸ are as defined for formula (I) in Claim 19,

in the presence of a base and in the presence of a diluent,

or

- (c) reacting an isopentone derivative of formula (V)

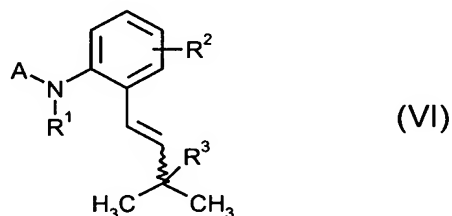


in which

R^1 , R^2 , R^3 , and A are as defined for formula (I) in Claim 19,
with hydrazine or hydrazine hydrate in the presence of a base and, optionally,
in the presence of a diluent,

or

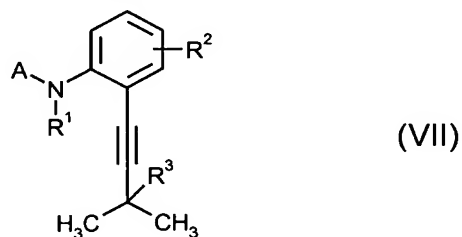
- (d) hydrogenating an isopentene derivative of the formula (VI)



in which R^1 , R^2 , R^3 , and A are as defined for formula (I) in Claim 19,
optionally in the presence of a diluent and optionally in the presence of a
catalyst,

or

- (e) hydrogenating an isopentyne derivative of formula (VII)



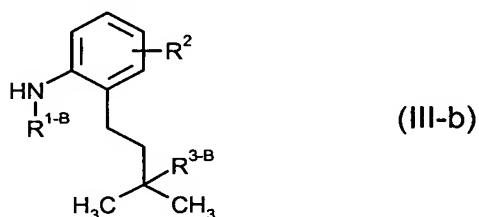
in which R^1 , R^2 , R^3 , and A are as defined for formula (I) in Claim 19,
optionally in the presence of a diluent and optionally in the presence of a
catalyst.

Claim 28 (new): A composition for controlling unwanted microorganisms comprising one or more isopentylcarboxanilides of formula (I) according to Claim 19 and one or more extenders and/or surfactants.

Claim 29 (new): A method for controlling unwanted microorganisms comprising applying an effective amount of an isopentylcarboxanilide of formula (I) according to Claim 19 to the microorganisms and/or their habitat.

Claim 30 (new): A process for preparing compositions for controlling unwanted microorganisms comprising mixing one or more isopentylcarboxanilides of formula (I) according to Claim 19 with one or more extenders and/or surfactants.

Claim 31 (new) An aniline derivative of formula (III-b)



in which

- (a) R^{1-B} represents C_1 - C_8 -alkyl, C_1 - C_6 -alkylsulphinyl, C_1 - C_6 -alkylsulphonyl, C_1 - C_4 -alkoxy- C_1 - C_4 -alkyl, or C_3 - C_8 -cycloalkyl; represents C_1 - C_6 -halo-alkyl, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -haloalkylsulphonyl, halo- C_1 - C_4 -alkoxy- C_1 - C_4 -alkyl, or C_3 - C_8 -halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; represents formyl, formyl- C_1 - C_3 -alkyl, (C_1 - C_3 -alkyl)carbonyl- C_1 - C_3 -alkyl, or (C_1 - C_3 -alkoxy)carbonyl- C_1 - C_3 -alkyl; represents halo-(C_1 - C_3 -alkyl)-carbonyl- C_1 - C_3 -alkyl or halo-(C_1 - C_3 -alkoxy)carbonyl- C_1 - C_3 -alkyl having in each case 1 to 13 fluorine, chlorine, and/or bromine atoms; represents (C_1 - C_8 -alkyl)carbonyl, (C_1 - C_8 -alkoxy)carbonyl, (C_1 - C_4 -alkoxy- C_1 - C_4 -alkyl)carbonyl, or (C_3 - C_8 -cycloalkyl)carbonyl; represents (C_1 - C_6 -haloalkyl)carbonyl, (C_1 - C_6 -haloalkoxy)carbonyl, (halo- C_1 - C_4 -alkoxy- C_1 - C_4 -alkyl)carbonyl, or (C_3 - C_8 -halocycloalkyl)carbonyl having in

each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or represents $-C(=O)C(=O)R^4$, $CONR^5R^6$, or $-CH_2NR^7R^8$, and R^{3-B} represents hydrogen, halogen, C_1 - C_8 -alkyl, C_1 - C_8 -haloalkyl,

or

- (b) R^{1-B} represents hydrogen, C_1 - C_8 -alkyl, C_1 - C_6 -alkylsulphinyl, C_1 - C_6 -alkylsulphonyl, C_1 - C_4 -alkoxy- C_1 - C_4 -alkyl, or C_3 - C_8 -cycloalkyl; represents C_1 - C_6 -haloalkyl, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -haloalkylsulphonyl, halo- C_1 - C_4 -alkoxy- C_1 - C_4 -alkyl, or C_3 - C_8 -halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; represents formyl, formyl- C_1 - C_3 -alkyl, (C_1 - C_3 -alkyl)carbonyl- C_1 - C_3 -alkyl, or (C_1 - C_3 -alkoxy)carbonyl- C_1 - C_3 -alkyl; represents halo-(C_1 - C_3 -alkyl)carbonyl- C_1 - C_3 -alkyl or halo-(C_1 - C_3 -alkoxy)carbonyl- C_1 - C_3 -alkyl having in each case 1 to 13 fluorine, chlorine, and/or bromine atoms; represents (C_1 - C_8 -alkyl)carbonyl, (C_1 - C_8 -alkoxy)carbonyl, (C_1 - C_4 -alkoxy- C_1 - C_4 -alkyl)carbonyl, or (C_3 - C_8 -cycloalkyl)carbonyl; represents (C_1 - C_6 -haloalkyl)carbonyl, (C_1 - C_6 -haloalkoxy)carbonyl, (halo- C_1 - C_4 -alkoxy- C_1 - C_4 -alkyl)carbonyl, or (C_3 - C_8 -halocycloalkyl)carbonyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or represents $-C(=O)C(=O)R^4$, $CONR^5R^6$, or $-CH_2NR^7R^8$, and R^{3-B} represents halogen, C_1 - C_8 -alkyl, or C_1 - C_8 -haloalkyl,

and

R^2 represents hydrogen, fluorine, chlorine, methyl, or trifluoromethyl,

R^4 represents hydrogen, C_1 - C_8 -alkyl, C_1 - C_8 -alkoxy, C_1 - C_4 -alkoxy- C_1 - C_4 -alkyl, or C_3 - C_8 -cycloalkyl; or represents C_1 - C_6 -haloalkyl, C_1 - C_6 -haloalkoxy, halo- C_1 - C_4 -alkoxy- C_1 - C_4 -alkyl, or C_3 - C_8 -halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms,

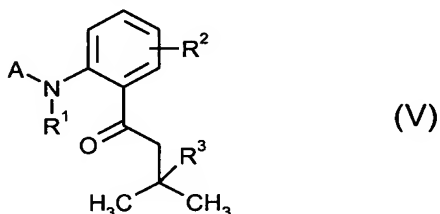
R^5 and R^6 independently of one another each represent hydrogen, C_1 - C_8 -alkyl, C_1 - C_4 -alkoxy- C_1 - C_4 -alkyl, C_3 - C_8 -cycloalkyl; or represent C_1 - C_8 -haloalkyl, halo- C_1 - C_4 -alkoxy- C_1 - C_4 -alkyl, or C_3 - C_8 -halocycloalkyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms; or R^5 and R^6 together with the nitrogen atom to which they are attached form a saturated heterocycle having 5 to 8 ring atoms that is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and

C₁-C₄-alkyl, where the heterocycle optionally contains 1 or 2 further non-adjacent heteroatoms selected from the group consisting of oxygen, sulphur, and NR⁹,

R⁷ and R⁸ independently of one another represent hydrogen, C₁-C₈-alkyl, or C₃-C₈-cycloalkyl; or represent C₁-C₈-haloalkyl, C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms; or R⁷ and R⁸ together with the nitrogen atom to which they are attached form a saturated heterocycle having 5 to 8 ring members that is optionally mono- or polysubstituted by identical or different substituents selected from the group consisting of halogen and C₁-C₄-alkyl, where the heterocycle optionally contains 1 or 2 further non-adjacent heteroatoms selected from the group consisting of oxygen, sulphur, and NR⁹, and

R⁹ represents hydrogen or C₁-C₆-alkyl.

Claim 32 (new): An isopentone derivative of formula (V)



in which

R¹ represents hydrogen, C₁-C₈-alkyl, C₁-C₆-alkylsulphinyl, C₁-C₆-alkylsulphonyl, C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-cycloalkyl; represents C₁-C₆-haloalkyl, C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulphinyl, C₁-C₄-haloalkylsulphonyl, halo-C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; represents formyl, formyl-C₁-C₃-alkyl, (C₁-C₃-alkyl)carbonyl-C₁-C₃-alkyl, or (C₁-C₃-alkoxy)carbonyl-C₁-C₃-alkyl; represents halo-(C₁-C₃-alkyl)carbonyl-C₁-C₃-alkyl or halo-(C₁-C₃-alkoxy)-carbonyl-C₁-C₃-alkyl having in each case 1 to 13 fluorine, chlorine, and/or bromine atoms; represents (C₁-C₈-alkyl)carbonyl, (C₁-C₈-alkoxy)carbonyl, (C₁-C₄-alkoxy-C₁-C₄-alkyl)carbonyl, or (C₃-C₈-cycloalkyl)carbonyl; represents (C₁-C₆-haloalkyl)carbonyl, (C₁-C₆-haloalkoxy)carbonyl, (halo-C₁-C₄-alkoxy-C₁-C₄-alkyl)carbonyl, or (C₃-C₈-halocycloalkyl)carbonyl having in each case 1

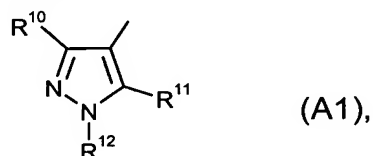
to 9 fluorine, chlorine, and/or bromine atoms; or represents $-C(=O)C(=O)R^4$, $-CONR^5R^6$, or $-CH_2NR^7R^8$,

R^2 represents hydrogen, fluorine, chlorine, methyl, or trifluoromethyl,

R^3 represents hydrogen, halogen, C_1 - C_8 -alkyl, or C_1 - C_8 -haloalkyl, and

A represents

(1) a radical of formula (A1)



in which

R^{10} represents hydrogen, hydroxyl, formyl, cyano, halogen, nitro, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, or C_3 - C_6 -cycloalkyl; or represents C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy, or C_1 - C_4 -haloalkylthio having in each case 1 to 5 halogen atoms; or represents aminocarbonyl or aminocarbonyl- C_1 - C_4 -alkyl,

R^{11} represents hydrogen, halogen, cyano, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, or C_1 - C_4 -alkylthio; or represents C_1 - C_4 -haloalkyl or C_1 - C_4 -haloalkylthio having in each case 1 to 5 halogen atoms, and

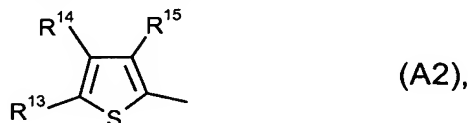
R^{12} represents hydrogen, C_1 - C_4 -alkyl, hydroxy- C_1 - C_4 -alkyl, C_2 - C_6 -alkenyl, C_3 - C_6 -cycloalkyl, C_1 - C_4 -alkylthio- C_1 - C_4 -alkyl, or C_1 - C_4 -alkoxy- C_1 - C_4 -alkyl; represents C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkylthio- C_1 - C_4 -alkyl, C_1 - C_4 -haloalkoxy- C_1 - C_4 -alkyl having in each case 1 to 5 halogen atoms; or represents phenyl,

with the proviso that R^{10} does not represent iodine if R^{11} represents hydrogen, and

with the proviso that R^{10} does not represent trifluoromethyl or difluoromethyl if R^3 and R^{11} represent hydrogen and R^{12} represents methyl,

or

(2) a radical of formula (A2)



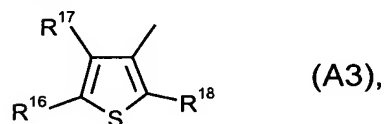
in which

R^{13} and R^{14} independently of one another represent hydrogen, halogen, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms, and

R^{15} represents halogen, cyano, or C_1 - C_4 -alkyl; or represents C_1 - C_4 -haloalkyl or C_1 - C_4 -haloalkoxy having in each case 1 to 5 halogen atoms,

or

(3) a radical of formula (A3)



in which

R^{16} and R^{17} independently of one another represent hydrogen, halogen, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms, and

R^{18} represents hydrogen, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

or

(4) a radical of formula (A4)

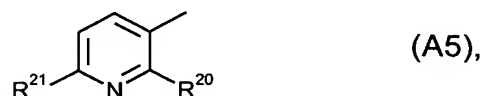


in which

R^{19} represents hydrogen, halogen, hydroxyl, cyano, or C_1 - C_6 -alkyl; or represent C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy or C_1 - C_4 -haloalkylthio having in each case 1 to 5 halogen atoms,

or

(5) a radical of formula (A5)



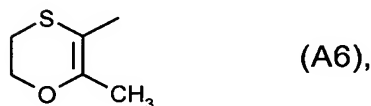
in which

R^{20} represents halogen, hydroxyl, cyano, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, or C_1 - C_4 -alkylthio; or represents C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkylthio or C_1 - C_4 -haloalkoxy having in each case 1 to 5 halogen atoms, and

R^{21} represents hydrogen, halogen, cyano, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, or C_1 - C_4 -alkylthio; represents C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy having in each case 1 to 5 halogen atoms; or represents C_1 - C_4 -alkylsulphinyl or C_1 - C_4 -alkylsulphonyl,

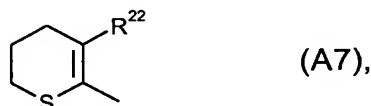
or

(6) a radical of formula (A6)



or

(7) a radical of formula (A7)



in which R^{22} represents C_1 - C_4 -alkyl or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

or

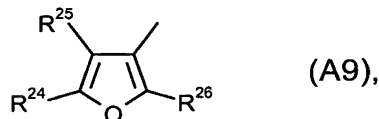
(8) a radical of formula (A8)



in which R^{23} represents C_1 - C_4 -alkyl or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

or

(9) a radical of formula (A9)



in which

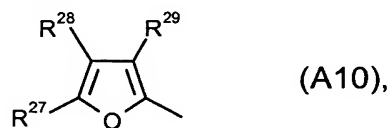
R^{24} and R^{25} independently of one another represent hydrogen, halogen, amino, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms, and

R^{26} represents hydrogen, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

with the proviso that R^{24} and R^{26} do not simultaneously represent methyl if R^{25} represents hydrogen,

or

(10) a radical of formula (A10)



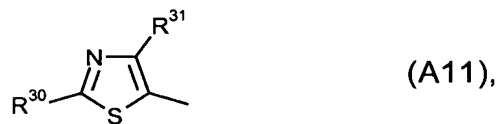
in which

R^{27} and R^{28} independently of one another represent hydrogen, halogen, amino, nitro, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms, and

R^{29} represents halogen, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

or

(11) a radical of formula (A11)



in which

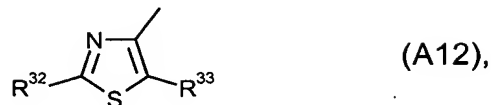
R^{30} represents hydrogen, halogen, amino, C_1 - C_4 -alkylamino, di(C_1 - C_4 -alkyl)amino, cyano, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms, and

R^{31} represents halogen, hydroxyl, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, or C_3 - C_6 -cycloalkyl; or represents C_1 - C_4 -haloalkyl or C_1 - C_4 -haloalkoxy having in each case 1 to 5 halogen atoms,

with the proviso that R^{31} does not represent trifluoromethyl, difluoromethyl or methyl if R^3 represents hydrogen and R^{30} represents methyl,

or

(12) a radical of formula (A12)



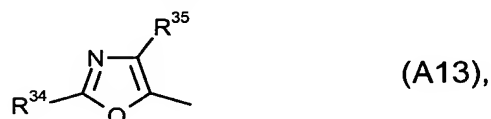
in which

R^{32} represents hydrogen, halogen, amino, C_1 - C_4 -alkylamino, di(C_1 - C_4 -alkyl)amino, cyano, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms, and

R^{33} represents halogen, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

or

(13) a radical of formula (A13)



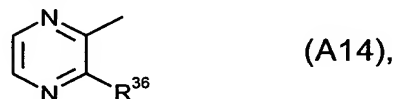
in which

R^{34} represents hydrogen or C_1 - C_4 -alkyl, and

R^{35} represents halogen or C_1 - C_4 -alkyl,

or

(14) a radical of formula (A14)



in which R^{36} represents hydrogen, halogen, C_1 - C_4 -alkyl or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

or

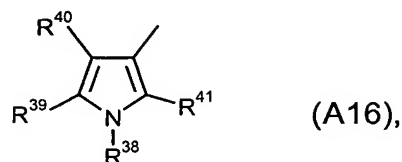
(15) a radical of formula (A15)



in which R^{37} represents halogen, hydroxyl, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, or C_1 - C_4 -alkylthio; or represents C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkylthio, or C_1 - C_4 -haloalkoxy having in each case 1 to 5 halogen atoms,

or

(16) a radical of formula (A16)



in which

R^{38} represents hydrogen, cyano, C_1 - C_4 -alkyl, C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms, C_1 - C_4 -alkoxy- C_1 - C_4 -alkyl, hydroxy- C_1 - C_4 -alkyl, C_1 - C_4 -alkylsulphonyl, di(C_1 - C_4 -alkyl)aminosulphonyl, C_1 - C_6 -alkylcarbonyl, or optionally substituted phenylsulphonyl or benzoyl,

R^{39} represents hydrogen, halogen, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

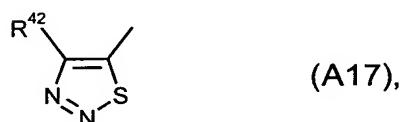
R^{40} represents hydrogen, halogen, cyano, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms, and

R^{41} represents hydrogen, halogen, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

with the proviso that R^{40} does not represent trifluoromethyl,

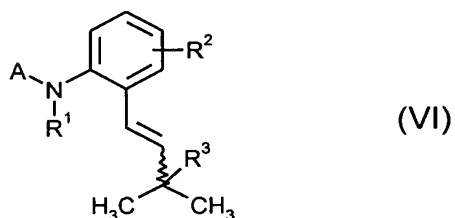
or

(17) a radical of formula (A17)



in which R^{42} represents C_1 - C_4 -alkyl.

Claim 33 (new): An isopentene derivative of formula (VI)



in which

R^1 represents hydrogen, C_1 - C_8 -alkyl, C_1 - C_6 -alkylsulphinyl, C_1 - C_6 -alkylsulphonyl, C_1 - C_4 -alkoxy- C_1 - C_4 -alkyl, or C_3 - C_8 -cycloalkyl; represents C_1 - C_6 -haloalkyl,

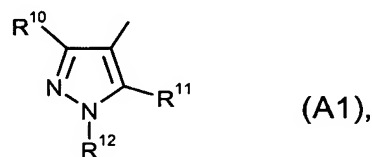
C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulphanyl, C₁-C₄-haloalkylsulphonyl, halo-C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; represents formyl, formyl-C₁-C₃-alkyl, (C₁-C₃-alkyl)carbonyl-C₁-C₃-alkyl, or (C₁-C₃-alkoxy)carbonyl-C₁-C₃-alkyl; represents halo-(C₁-C₃-alkyl)carbonyl-C₁-C₃-alkyl or halo-(C₁-C₃-alkoxy)carbonyl-C₁-C₃-alkyl having in each case 1 to 13 fluorine, chlorine, and/or bromine atoms; represents (C₁-C₈-alkyl)carbonyl, (C₁-C₈-alkoxy)carbonyl, (C₁-C₄-alkoxy-C₁-C₄-alkyl)carbonyl, or (C₃-C₈-cycloalkyl)carbonyl; represents (C₁-C₆-haloalkyl)carbonyl, (C₁-C₆-haloalkoxy)carbonyl, (halo-C₁-C₄-alkoxy-C₁-C₄-alkyl)carbonyl, or (C₃-C₈-halocycloalkyl)carbonyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or represents -C(=O)C(=O)R⁴, -CONR⁵R⁶, or -CH₂NR⁷R⁸,

R² represents hydrogen, fluorine, chlorine, methyl, or trifluoromethyl,

R³ represents hydrogen, halogen, C₁-C₈-alkyl, or C₁-C₈-haloalkyl, and

A represents

(1) a radical of formula (A1)



in which

R¹⁰ represents hydrogen, hydroxyl, formyl, cyano, halogen, nitro, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-alkylthio, or C₃-C₆-cycloalkyl; or represents C₁-C₄-haloalkyl, C₁-C₄-haloalkoxy, or C₁-C₄-haloalkylthio having in each case 1 to 5 halogen atoms; or represents aminocarbonyl or aminocarbonyl-C₁-C₄-alkyl,

R¹¹ represents hydrogen, halogen, cyano, C₁-C₄-alkyl, C₁-C₄-alkoxy, or C₁-C₄-alkylthio; or represents C₁-C₄-haloalkyl or C₁-C₄-haloalkylthio having in each case 1 to 5 halogen atoms, and

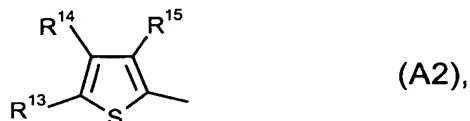
R¹² represents hydrogen, C₁-C₄-alkyl, hydroxy-C₁-C₄-alkyl, C₂-C₆-alkenyl, C₃-C₆-cycloalkyl, C₁-C₄-alkylthio-C₁-C₄-alkyl, or C₁-C₄-alkoxy-C₁-C₄-alkyl; represents C₁-C₄-haloalkyl, C₁-C₄-haloalkylthio-C₁-C₄-alkyl, C₁-C₄-haloalkoxy-C₁-C₄-alkyl having in each case 1 to 5 halogen atoms; or represents phenyl,

with the proviso that R¹⁰ does not represent iodine if R¹¹ represents hydrogen, and

with the proviso that R¹⁰ does not represent trifluoromethyl or difluoromethyl if R³ and R¹¹ represent hydrogen and R¹² represents methyl,

or

(2) a radical of formula (A2)



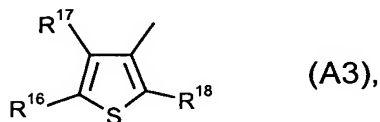
in which

R¹³ and R¹⁴ independently of one another represent hydrogen, halogen, C₁-C₄-alkyl, or C₁-C₄-haloalkyl having 1 to 5 halogen atoms, and

R¹⁵ represents halogen, cyano, or C₁-C₄-alkyl; or represents C₁-C₄-haloalkyl or C₁-C₄-haloalkoxy having in each case 1 to 5 halogen atoms,

or

(3) a radical of formula (A3)



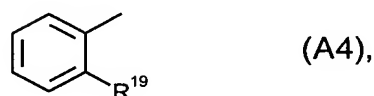
in which

R¹⁶ and R¹⁷ independently of one another represent hydrogen, halogen, C₁-C₄-alkyl, or C₁-C₄-haloalkyl having 1 to 5 halogen atoms, and

R¹⁸ represents hydrogen, C₁-C₄-alkyl, or C₁-C₄-haloalkyl having 1 to 5 halogen atoms,

or

(4) a radical of formula (A4)

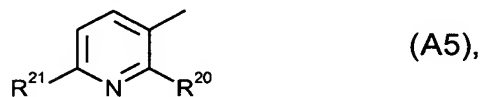


in which

R^{19} represents hydrogen, halogen, hydroxyl, cyano, or C_1 - C_6 -alkyl;
or represent C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy or C_1 - C_4 -
haloalkylthio having in each case 1 to 5 halogen atoms,

or

(5) a radical of formula (A5)



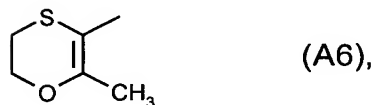
in which

R^{20} represents halogen, hydroxyl, cyano, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy,
or C_1 - C_4 -alkylthio; or represents C_1 - C_4 -haloalkyl, C_1 - C_4 -halo-
alkylthio or C_1 - C_4 -haloalkoxy having in each case 1 to 5 halogen
atoms, and

R^{21} represents hydrogen, halogen, cyano, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy,
or C_1 - C_4 -alkylthio; represents C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy
having in each case 1 to 5 halogen atoms; or represents C_1 - C_4 -
alkylsulphinyl or C_1 - C_4 -alkylsulphonyl,

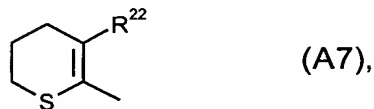
or

(6) a radical of formula (A6)



or

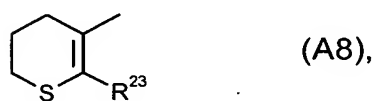
(7) a radical of formula (A7)



in which R^{22} represents C_1 - C_4 -alkyl or C_1 - C_4 -haloalkyl having 1 to 5
halogen atoms,

or

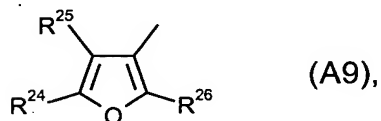
(8) a radical of formula (A8)



in which R^{23} represents C_1 - C_4 -alkyl or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

or

(9) a radical of formula (A9)



in which

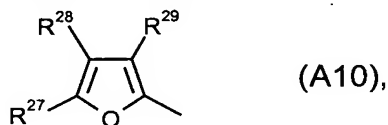
R^{24} and R^{25} independently of one another represent hydrogen, halogen, amino, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms, and

R^{26} represents hydrogen, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

with the proviso that R^{24} and R^{26} do not simultaneously represent methyl if R^{25} represents hydrogen,

or

(10) a radical of formula (A10)



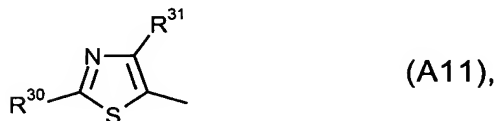
in which

R^{27} and R^{28} independently of one another represent hydrogen, halogen, amino, nitro, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms, and

R^{29} represents halogen, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

or

(11) a radical of formula (A11)

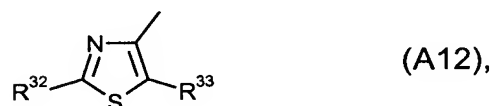


in which

R^{30} represents hydrogen, halogen, amino, C_1 - C_4 -alkylamino, di(C_1 - C_4 -alkyl)amino, cyano, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms, and
 R^{31} represents halogen, hydroxyl, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, or C_3 - C_6 -cycloalkyl; or represents C_1 - C_4 -haloalkyl or C_1 - C_4 -haloalkoxy having in each case 1 to 5 halogen atoms, with the proviso that R^{31} does not represent trifluoromethyl, difluoromethyl or methyl if R^3 represents hydrogen and R^{30} represents methyl,

or

(12) a radical of formula (A12)



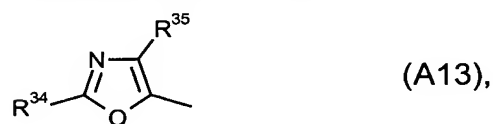
in which

R^{32} represents hydrogen, halogen, amino, C_1 - C_4 -alkylamino, di(C_1 - C_4 -alkyl)amino, cyano, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms, and

R^{33} represents halogen, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

or

(13) a radical of formula (A13)



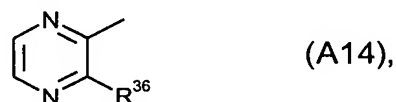
in which

R^{34} represents hydrogen or C_1 - C_4 -alkyl, and

R^{35} represents halogen or C_1 - C_4 -alkyl,

or

(14) a radical of formula (A14)



in which R³⁶ represents hydrogen, halogen, C₁-C₄-alkyl or C₁-C₄-haloalkyl having 1 to 5 halogen atoms,

or

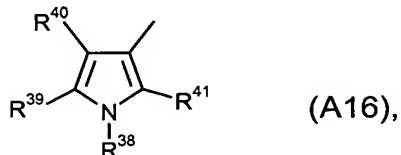
(15) a radical of formula (A15)



in which R³⁷ represents halogen, hydroxyl, C₁-C₄-alkyl, C₁-C₄-alkoxy, or C₁-C₄-alkylthio; or represents C₁-C₄-haloalkyl, C₁-C₄-haloalkylthio, or C₁-C₄-haloalkoxy having in each case 1 to 5 halogen atoms,

or

(16) a radical of formula (A16)



in which

R³⁸ represents hydrogen, cyano, C₁-C₄-alkyl, C₁-C₄-haloalkyl having 1 to 5 halogen atoms, C₁-C₄-alkoxy-C₁-C₄-alkyl, hydroxy-C₁-C₄-alkyl, C₁-C₄-alkylsulphonyl, di(C₁-C₄-alkyl)aminosulphonyl, C₁-C₆-alkylcarbonyl, or optionally substituted phenylsulphonyl or benzoyl,

R³⁹ represents hydrogen, halogen, C₁-C₄-alkyl, or C₁-C₄-haloalkyl having 1 to 5 halogen atoms,

R⁴⁰ represents hydrogen, halogen, cyano, C₁-C₄-alkyl, or C₁-C₄-haloalkyl having 1 to 5 halogen atoms, and

R⁴¹ represents hydrogen, halogen, C₁-C₄-alkyl, or C₁-C₄-haloalkyl having 1 to 5 halogen atoms,

with the proviso that R⁴⁰ does not represent trifluoromethyl,

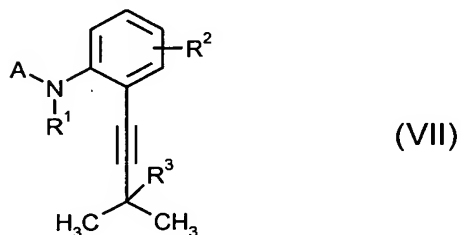
or

(17) a radical of formula (A17)



in which R⁴² represents C₁-C₄-alkyl.

Claim 34 (new): An isopentyne derivative of formula (VII)



in which

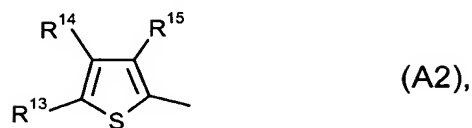
R¹ represents hydrogen, C₁-C₈-alkyl, C₁-C₆-alkylsulphinyl, C₁-C₆-alkylsulphonyl, C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-cycloalkyl; represents C₁-C₆-haloalkyl, C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulphinyl, C₁-C₄-haloalkylsulphonyl, halo-C₁-C₄-alkoxy-C₁-C₄-alkyl, or C₃-C₈-halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; represents formyl, formyl-C₁-C₃-alkyl, (C₁-C₃-alkyl)carbonyl-C₁-C₃-alkyl, or (C₁-C₃-alkoxy)carbonyl-C₁-C₃-alkyl; represents halo-(C₁-C₃-alkyl)carbonyl-C₁-C₃-alkyl or halo-(C₁-C₃-alkoxy)carbonyl-C₁-C₃-alkyl having in each case 1 to 13 fluorine, chlorine, and/or bromine atoms; represents (C₁-C₈-alkyl)carbonyl, (C₁-C₈-alkoxy)carbonyl, (C₁-C₄-alkoxy-C₁-C₄-alkyl)carbonyl, or (C₃-C₈-cycloalkyl)carbonyl; represents (C₁-C₆-haloalkyl)carbonyl, (C₁-C₆-haloalkoxy)carbonyl, (halo-C₁-C₄-alkoxy-C₁-C₄-alkyl)carbonyl, or (C₃-C₈-halocycloalkyl)carbonyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or represents -C(=O)C(=O)R⁴, -CONR⁵R⁶, or -CH₂NR⁷R⁸,

R² represents hydrogen, fluorine, chlorine, methyl, or trifluoromethyl,

R³ represents hydrogen, halogen, C₁-C₈-alkyl, or C₁-C₈-haloalkyl, and

A represents

- (1) a radical of formula (A2)



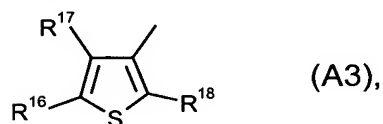
in which

R^{13} and R^{14} independently of one another represent hydrogen, halogen, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms, and

R^{15} represents halogen, cyano, or C_1 - C_4 -alkyl; or represents C_1 - C_4 -haloalkyl or C_1 - C_4 -haloalkoxy having in each case 1 to 5 halogen atoms,

or

- (2) a radical of formula (A3)



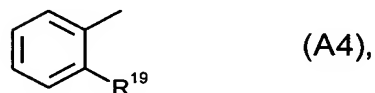
in which

R^{16} and R^{17} independently of one another represent hydrogen, halogen, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms, and

R^{18} represents hydrogen, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

or

- (3) a radical of formula (A4)

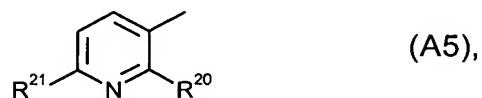


in which

R^{19} represents hydrogen, halogen, hydroxyl, cyano, or C_1 - C_6 -alkyl; or represent C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy or C_1 - C_4 -haloalkylthio having in each case 1 to 5 halogen atoms,

or

(4) a radical of formula (A5)



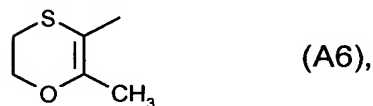
in which

R^{20} represents halogen, hydroxyl, cyano, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, or C_1 - C_4 -alkylthio; or represents C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkylthio or C_1 - C_4 -haloalkoxy having in each case 1 to 5 halogen atoms, and

R^{21} represents hydrogen, halogen, cyano, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, or C_1 - C_4 -alkylthio; represents C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy having in each case 1 to 5 halogen atoms; or represents C_1 - C_4 -alkylsulphinyl or C_1 - C_4 -alkylsulphonyl,

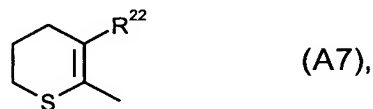
or

(5) a radical of formula (A6)



or

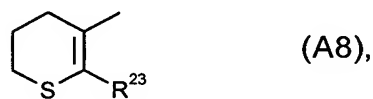
(6) a radical of formula (A7)



in which R^{22} represents C_1 - C_4 -alkyl or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

or

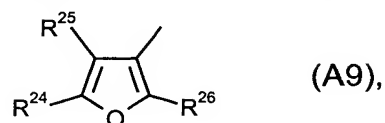
(7) a radical of formula (A8)



in which R^{23} represents C_1 - C_4 -alkyl or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

or

- (8) a radical of formula (A9)



in which

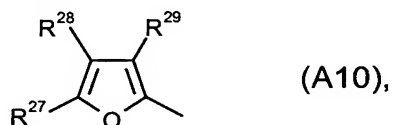
R^{24} and R^{25} independently of one another represent hydrogen, halogen, amino, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms, and

R^{26} represents hydrogen, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

with the proviso that R^{24} and R^{26} do not simultaneously represent methyl if R^{25} represents hydrogen,

or

- (9) a radical of formula (A10)



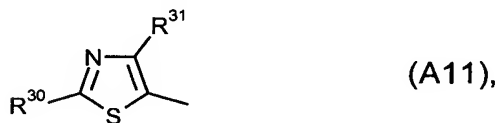
in which

R^{27} and R^{28} independently of one another represent hydrogen, halogen, amino, nitro, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms, and

R^{29} represents halogen, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

or

- (10) a radical of formula (A11)



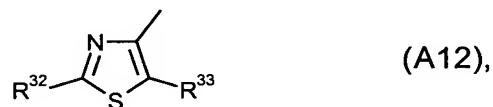
in which

R^{30} represents hydrogen, halogen, amino, C_1 - C_4 -alkylamino, di(C_1 - C_4 -alkyl)amino, cyano, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms, and

R^{31} represents halogen, hydroxyl, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, or C_3 - C_6 -cycloalkyl; or represents C_1 - C_4 -haloalkyl or C_1 - C_4 -haloalkoxy having in each case 1 to 5 halogen atoms, with the proviso that R^{31} does not represent trifluoromethyl, difluoromethyl or methyl if R^3 represents hydrogen and R^{30} represents methyl,

or

(11) a radical of formula (A12)



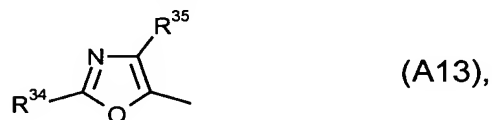
in which

R^{32} represents hydrogen, halogen, amino, C_1 - C_4 -alkylamino, di(C_1 - C_4 -alkyl)amino, cyano, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms, and

R^{33} represents halogen, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

or

(12) a radical of formula (A13)



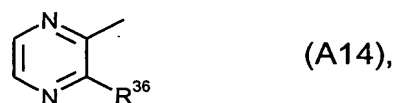
in which

R^{34} represents hydrogen or C_1 - C_4 -alkyl, and

R^{35} represents halogen or C_1 - C_4 -alkyl,

or

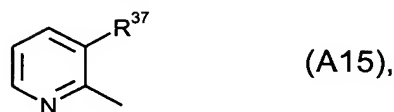
(13) a radical of formula (A14)



in which R^{36} represents hydrogen, halogen, C_1 - C_4 -alkyl or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

or

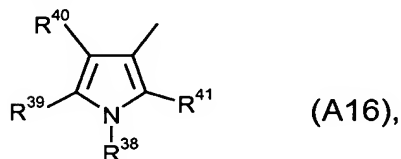
(14) a radical of formula (A15)



in which R^{37} represents halogen, hydroxyl, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, or C_1 - C_4 -alkylthio; or represents C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkylthio, or C_1 - C_4 -haloalkoxy having in each case 1 to 5 halogen atoms,

or

(15) a radical of formula (A16)



in which

R^{38} represents hydrogen, cyano, C_1 - C_4 -alkyl, C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms, C_1 - C_4 -alkoxy- C_1 - C_4 -alkyl, hydroxy- C_1 - C_4 -alkyl, C_1 - C_4 -alkylsulphonyl, di(C_1 - C_4 -alkyl)aminosulphonyl, C_1 - C_6 -alkylcarbonyl, or optionally substituted phenylsulphonyl or benzoyl,

R^{39} represents hydrogen, halogen, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

R^{40} represents hydrogen, halogen, cyano, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms, and

R^{41} represents hydrogen, halogen, C_1 - C_4 -alkyl, or C_1 - C_4 -haloalkyl having 1 to 5 halogen atoms,

with the proviso that R^{40} does not represent trifluoromethyl,

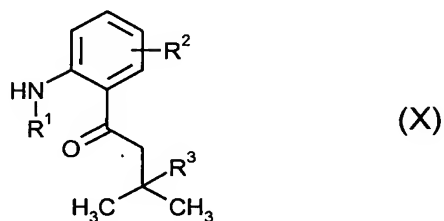
or

(16) a radical of formula (A17)



in which R^{42} represents C_1 - C_4 -alkyl.

Claim 35 (new): An alkanoneaniline of formula (X)



in which

- R^1 represents hydrogen, C_1 - C_8 -alkyl, C_1 - C_6 -alkylsulphinyl, C_1 - C_6 -alkylsulphonyl, C_1 - C_4 -alkoxy- C_1 - C_4 -alkyl, or C_3 - C_8 -cycloalkyl; represents C_1 - C_6 -haloalkyl, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -haloalkylsulphonyl, halo- C_1 - C_4 -alkoxy- C_1 - C_4 -alkyl, or C_3 - C_8 -halocycloalkyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; represents formyl, formyl- C_1 - C_3 -alkyl, (C_1 - C_3 -alkyl)carbonyl- C_1 - C_3 -alkyl, or (C_1 - C_3 -alkoxy)carbonyl- C_1 - C_3 -alkyl; represents halo-(C_1 - C_3 -alkyl)carbonyl- C_1 - C_3 -alkyl or halo-(C_1 - C_3 -alkoxy)-carbonyl- C_1 - C_3 -alkyl having in each case 1 to 13 fluorine, chlorine, and/or bromine atoms; represents (C_1 - C_8 -alkyl)carbonyl, (C_1 - C_8 -alkoxy)carbonyl, (C_1 - C_4 -alkoxy- C_1 - C_4 -alkyl)carbonyl, or (C_3 - C_8 -cycloalkyl)carbonyl; represents (C_1 - C_6 -haloalkyl)carbonyl, (C_1 - C_6 -haloalkoxy)carbonyl, (halo- C_1 - C_4 -alkoxy- C_1 - C_4 -alkyl)carbonyl, or (C_3 - C_8 -halocycloalkyl)carbonyl having in each case 1 to 9 fluorine, chlorine, and/or bromine atoms; or represents $-C(=O)C(=O)R^4$, $-CONR^5R^6$, or $-CH_2NR^7R^8$,
- R^2 represents hydrogen, fluorine, chlorine, methyl, or trifluoromethyl, and
- R^3 represents hydrogen, halogen, C_1 - C_8 -alkyl, or C_1 - C_8 -haloalkyl. --